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DCI/IC 1561-75

28 January 1975

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MEMORANDUM FOR: [REDACTED] OJCS/SED

SUBJECT : Rand Corporation Research Proposal to ARPA
on Very Large Data Bases

1. Recently, Dr. Craig Fields of ARPA's Information Processing Techniques Office asked Rand Corporation to study the subject of very large data bases (VLDB).

2. R. Stockton Gaines of Rand's Information Sciences Department responded to Dr. Field's request by writing a draft report ("working note") concerning VLDBs. The draft report suggests that ARPA sponsor a multi-year R&D program to research the subject.

3. The report by Mr. Gaines surveys the current state of research in the data base area and outlines probable future developments. Mr. Gaines concludes his report by agreeing that research in the VLDB area would provide substantial benefits to DoD.

4. The reason I am bringing this to your attention is because of your connection with GIMS. I think you would be interested in reading Mr. Gaines' report. [REDACTED] Chairman of USIB/IHC has copies available in his office in room 7C35. Secondly, an evaluation of GIMS, if one exists, may prove to be a beneficial contribution to ARPA if they were to proceed with the project. Thirdly, [REDACTED] I am sure, would appreciate any comments which you may have after reading the paper by Mr. Gaines. Finally, you may have some thoughts on whether it might be wise for OJCS to follow ARPA's work in this area if they were to go ahead with a research program.

5. Whatever the case, I thought you would want to have this subject brought to your attention.

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151
OJCS Representative to IC Staff

cc: C/USIB/IHC

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